



Mission Mausam

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Recently, the Union cabinet has approved '**Mission Mausam**' with an outlay of **Rs 2,000 crore** over the next two years to enhance India's ability to predict and respond to extreme weather events and the impacts of climate change.

- **Focus Areas:** It includes **accuracy, modelling, radars, satellites**, and accurate agromet forecasts.
 - It will help equip stakeholders, including citizens, to better manage extreme weather events and climate change impacts, enhancing community resilience.
- **Components of the Mission:**
 - Deployment of next-generation radars and satellite systems with advanced sensors
 - Development of enhanced Earth system models
 - A GIS-based automated decision support system for real-time data sharing
- **Implementation and Support:** The mission will be **implemented by** the **India Meteorological Department (IMD), Indian Institute of Tropical Meteorology**, and the **National Centre for Medium-Range Weather Forecasting** – three key institutions under the Ministry of Earth Sciences (MoES).
 - The mission will be supported by other MoES bodies – **Indian National Centre for Ocean Information Services, National Centre for Polar and Ocean Research** and **National Institute of Ocean Technology**.
- **Sectoral Benefits:** It will improve monitoring and early warning systems in agriculture, disaster management, and defence, while optimising energy and water resource management. Also, it will support safer aviation and promote sustainable tourism.

Read More: [India's Maritime History](#)

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